

10/531,935

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L3	8	"345"/418-424,426-427, 473-475,611.ccls. and disparity same map\$4 and hole\$1	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09
L4	70	"345"/\$.ccls. and disparity same map\$4	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09
L5	5	"345"/427,611.ccls. and disparity same map\$4	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09
L6	44	"345"/418-424,426-427, 473-475,611.ccls. and disparity same map\$4	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09
L7	11	"382"/\$.ccls. and disparity same map\$4 and hole\$1 and fill\$4	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09
L8	7	"382"/154,181,190,204,254, 260-265,282.ccls. and disparity same map\$4 and hole\$1 and fill\$4	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09
L9	1	"20040240725" and disparity same map\$4 and hole\$1 and fill\$4 and filter\$4 and pixel and stereo\$7 and view\$1 and project\$4 and mis\$4 and featur\$4 and extract\$4 and far\$4 and check\$4 and spatial\$4 and distan\$4 and consider\$6 and displac\$6 and surround\$4 and discard\$4 and modif\$6 and value	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09
L10	1	"6661918".pn.	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09
L11	70	"345"/\$.ccls. and disparity same map\$4	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09

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L12	44	"345"/418-424,426-428, 473-475.ccls. and disparity same map\$4	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09
L13	1	"20060082575"	US-PGPU B; USPAT	OR	ON	2007/01/24 10:09

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1 [Poster session 2: human appearance and activity surveillance: Pedestrian detection in uncontrolled environments using stereo and biometric information](#)

Philip Kelly, Noel E. O'Connor, Alan F. Smeaton

 October 2006 **Proceedings of the 4th ACM international workshop on Video surveillance and sensor networks VSSN '06**

Publisher: ACM Press

Full text available: [pdf\(803.43 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A method for pedestrian detection from challenging real world outdoor scenes is presented in this paper. This technique is able to extract multiple pedestrians, of varying orientations and appearances, from a scene even when faced with large and multiple occlusions. The technique is also robust to changing background lighting conditions and effects, such as shadows. The technique applies an enhanced method from which reliable disparity information can be obtained even from untextured homogeneous ...

Keywords: bio-metric data, disparity, homography, pedestrian detection, stereo

2 [Computational Approaches to Image Understanding](#)

Michael Brady

March 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 1

Publisher: ACM Press

Full text available: [pdf\(10.04 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

3 [Resolving occlusion in augmented reality](#)

Matthias M. Wloka, Brian G. Anderson

April 1995 **Proceedings of the 1995 symposium on Interactive 3D graphics SI3D '95**

Publisher: ACM Press

Full text available: [pdf\(2.03 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Current state-of-the-art augmented reality systems simply overlay computer-generated visuals on the real-world imagery, for example via video or optical see-through displays. However, overlays are not effective when displaying data in three dimensions, since occlusion between the real and computer-generated objects is not addressed. We present a video see-through augmented reality system capable of resolving occlusion between real and computer-generated objects. The heart of our s ...

Keywords: approximation, augmented reality, dynamic environments, interaction, occlusion, real-time, stereo matching

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vision.stanford.edu/~birch/p2p/ - 8k - [Cached](#) - [Similar pages](#)**4. The Disparity Map**The greyscale image and **disparity map** can be generated with a standard stereo vision ...(b) **disparity map** produced by stereo correspondence algorithm. ...davidpritchard.org/graphics/msc_thesis/4_**Disparity_Map**.html - 31k -[Cached](#) - [Similar pages](#)**Disparity map**

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set, starting from location (1,1). The **disparity map** is thus formally ...foto.hut.fi/~ojokinen/vtyo/node8.html - 8k - [Cached](#) - [Similar pages](#)**HW#2 Stereo: Rohit & Mitul's page**

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